

Figure 1 (Prior Art)

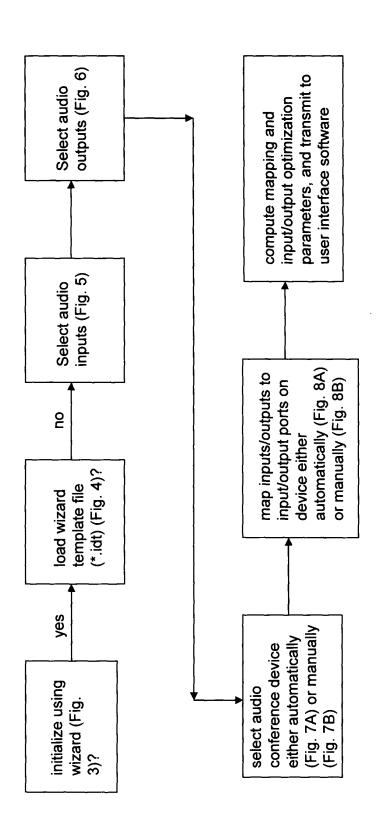


Figure 2

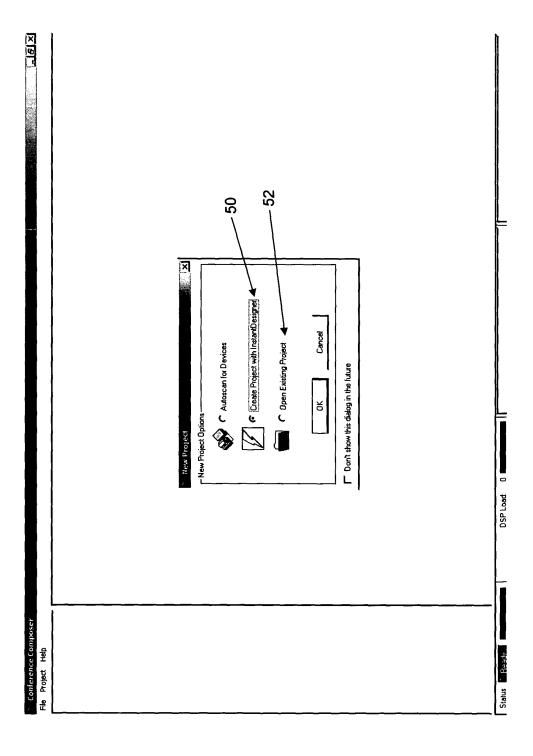


Figure 3

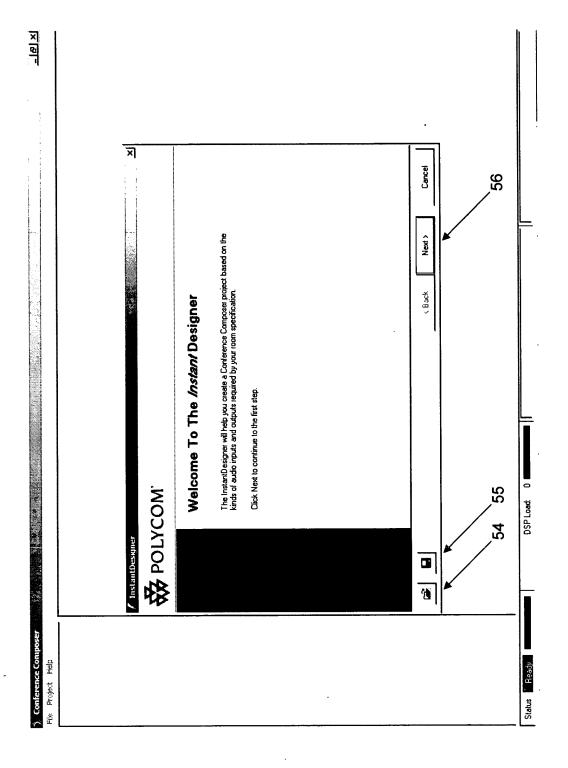


Figure 4

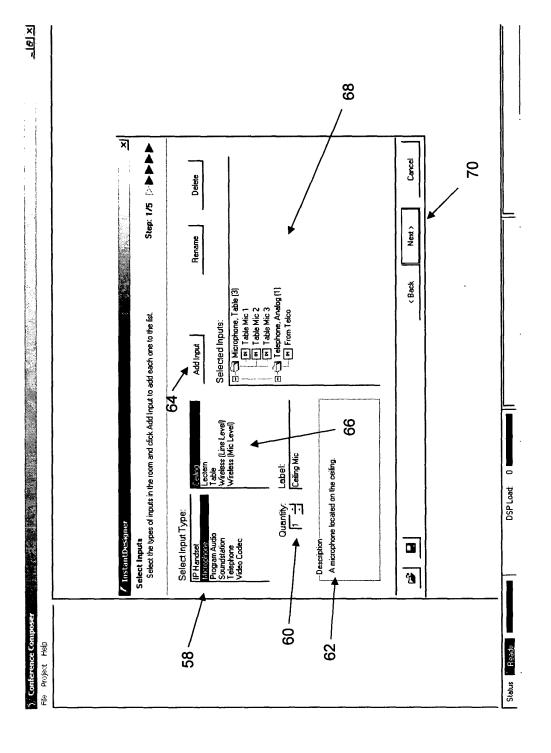


Figure 5

Figure 6

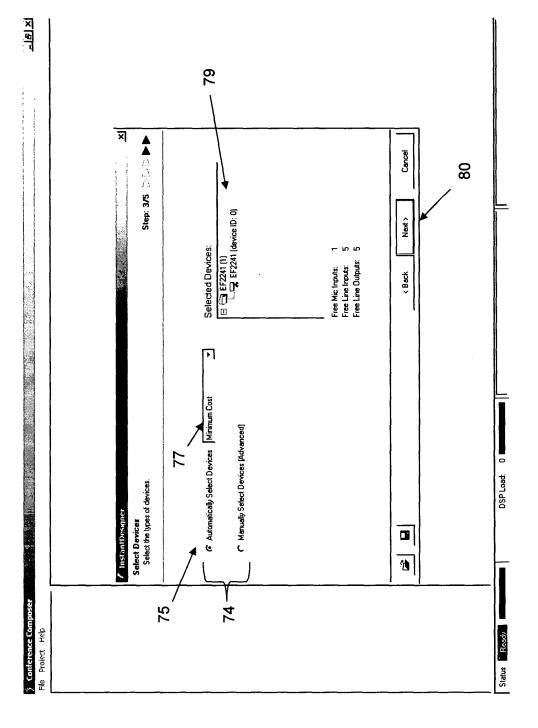


Figure 7A

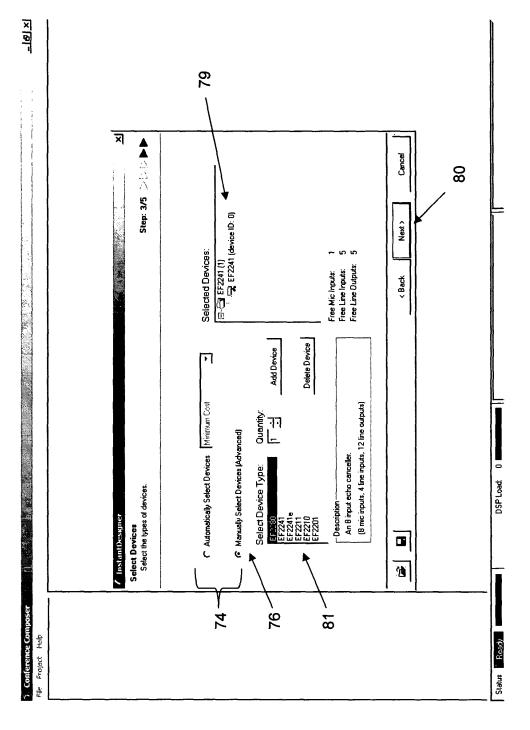


Figure 7B

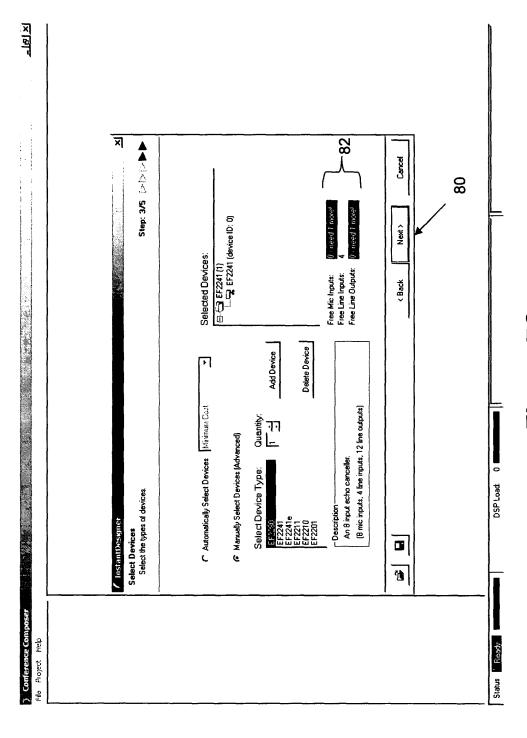


Figure 7C

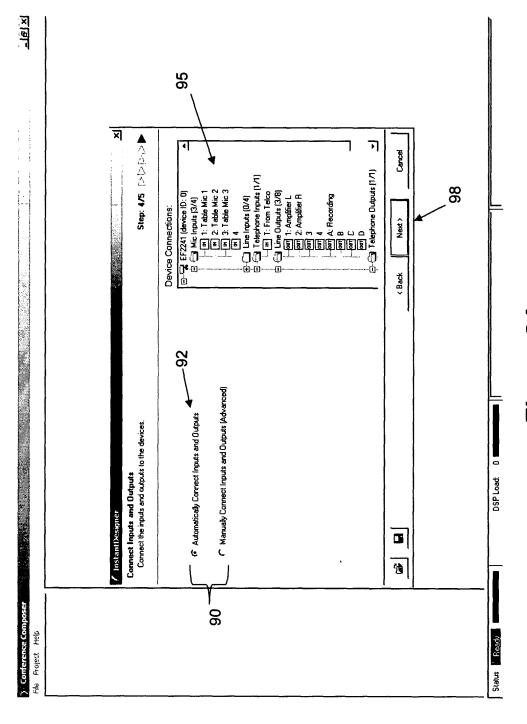


Figure 8A

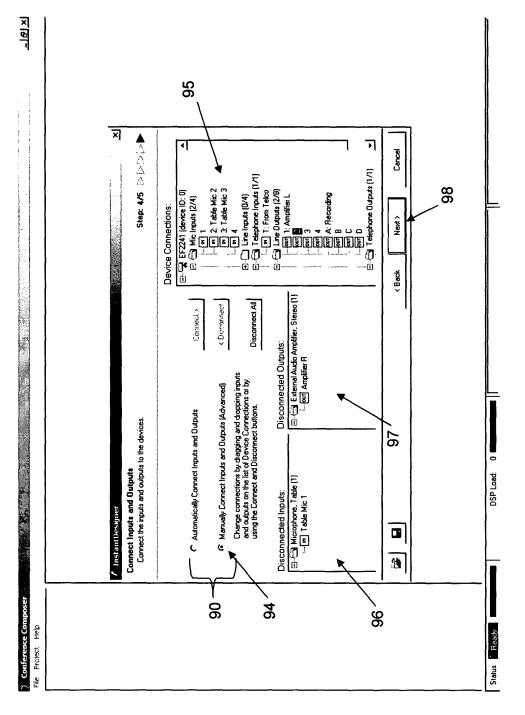


Figure 8B

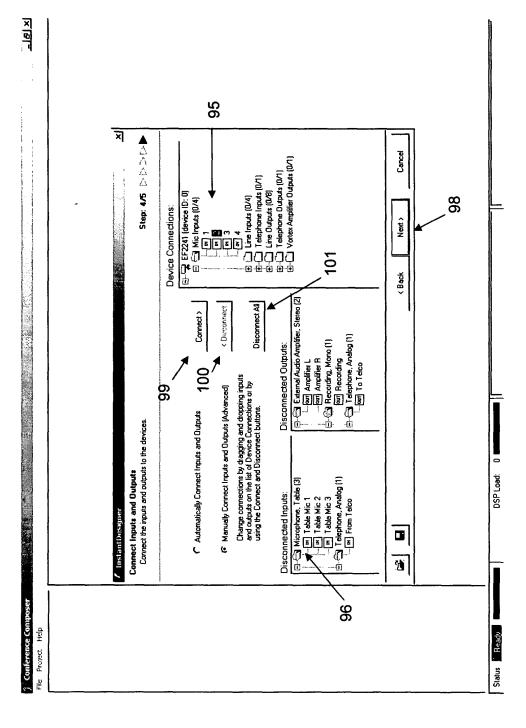


Figure 8C

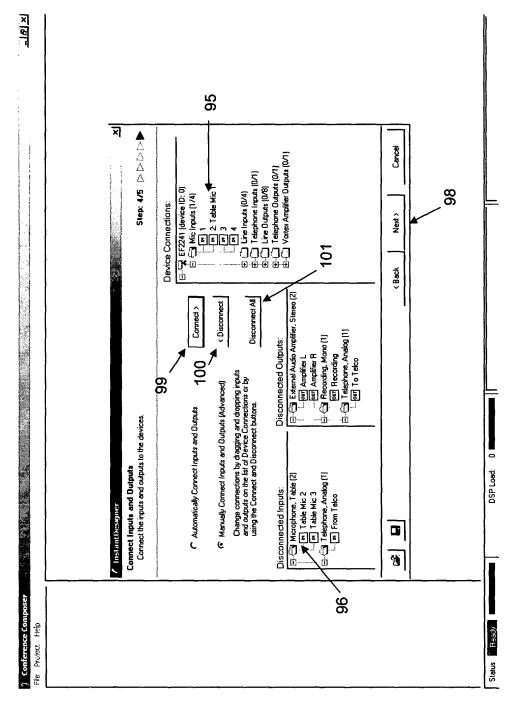


Figure 8D

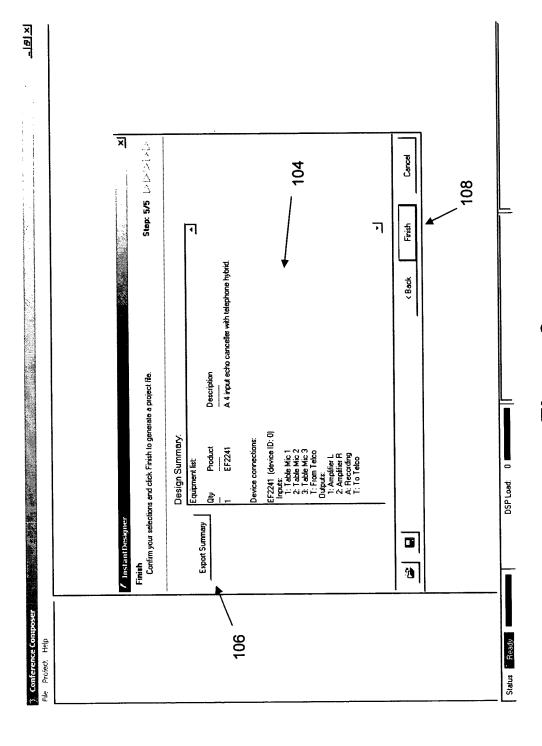


Figure 9

	Logic Output	<u>।</u>	2		• •	■ V		• • • • • • • • • • • • • • • • • • •	<u>.</u>		<u>.</u>						 _	7				ন	
Diagnostics	Output Filters Outputs Logic Input Logic Output	OUTPUTS D/A - Amplifier L	Gain-NOM-EQ - Delay-Mue D/A-Amptifier R	Mure-D/A-I-	Hara-FO/A-H-	-D/A-Recording		Multe - D/A - F	SALES-TOMP-T-	EQ - Desy-Mus-D/A-TTo Tetoo	- HWH-		Bus Phones P	Bus Mics 🔾	1		Heus Stereo L	Haus Stereo H					
	Output Filters Out	OUTP Gain-NOM-EQ - Detayl- Mute-D/A-Amplifier L					-EO-PO-PO-PO-PO-PO-PO-PO-PO-PO-PO-PO-PO-PO				Gain-NOM-EQ-Desyl-Mike-D/AH								***	1			
		- Gain-NOM	-Gam-NOM	-Gain-NOM		-Gain-NOM		-Gain-NOM-	- Gam-NOM	-Gain-NOM	- Gain-NOM					× 50			A)				
Macros	AutoMixer EF Bus Matrix Mixer	Mute T Gate	Muse Teach	Mules TGate	Mutta T Gate							2	x Luoues	Τ	-	SubMix Mics — Mixer			NA SA	O DE N		SuhMix Stereol	
-	er Input Filters	NC - AGC - EG -	ACCHARGHED-		E ARTHER	——————————————————————————————————————				NC - AGC - EQ - MAN				İ		- Subaki	j j				Sub Metrix		
Presets	Mic/Line Input Filters Input Filters	-Gain-AZD-AECHNC HAGC-EQ - MURT	-Gain-LATD-LAEC-INC HAGCHED-MINE-	-Gain-A/D-AEC-NC -AGC-EQ-	Gain-AZD-AEC-NC	Gain A/D	Gain A/D	-Gain A/D	-Gain-A7D	-Gain-Azo(1	SG - Signal Generator												T
J. J] pptions	■1 - Table Mic 1 - G	2 1Table Mic 2 - G.	3 Table Mic 3 G.						■ T - From Telco - G	Sel	Bus Phones	- - - -	- + - - - -		Bus Mics			Bus Mono			Bus Stereo	
1	System	, –	-		→	¥ ■	÷ 6	÷ 2 🚛	₩			86	325	88 28 28	986	35	×85	**************************************	### ### ### ### ### ### ### ### ### ##	2 8	× × ×	### ### ###	9
Project1	DeviceChain1	EF2241:00	Options S Dialer	Mic/Line Input	AutoMixer	Matrix Mixer	Output Filters	Logic Input	(2) Presets	Macros Diagnostics													-
3	Ō	ىپ																					Ŧ

Figure 10A

Logic Output	ग बु												ন	
s cinput Logic	t A Settings To A	SG Signal Denerator	@ ₩ '```	<u></u> 9	Mute	Noise Type								
Diagnostics	Copy Input 1 Settings To 1-4 Copy Input A Settings To A-D	From Teks	Gen (dg)	-92-	Mute	AGC Enable AGC Max Gain	AGC Min Gain	AGC Rate	8/8D 1 € 5					
utput Filters	t 1 Settings To 1	0	Gain (dB)		Mide	AGC Enable AGC Max Gain	•	AGC Rate		¥ C∙D				
latrix Mixer 0	·		Gain (dB)		Mute	AGC Enable AGC Max Gain	AGC Min Gam	AGC Rate		AGC Link C-D				
Macros EF Bus N	C 0 1 86	8	Gain (dB)	, π	Mute	AGC Enable AGC Max Gain	AGC Min Gain	AGC Rate	€ A B A S	k A-8				
M AutoMixer	4 A B C	A	Gain (dB)		Mute	AGC Enable AGC Max Gain	AGC Min Gain	AGC Rate		AGC Link A-B				
 	1 2 3	4	Gain (GB) Sate (GB) (GB) (GB) (GB) (GB) (GB) (GB) (GB)		튑	AGC Enable AGC Max Gain	Gain Gain	AGC Rate	`. ™ d8/s	AEC Enable	AEC Reference Bus R7 H7 H1	Suppression -	Heavy Yikes	
Presets Macros Diagnostics MicLine Input Files AutoMixer EF Bus Matrix Mixer Output Files Outputs Logic Input	View Inputs	3 Table Mic 3	Gain (dB) Gate (CB) (dB) (dB) (dB) (dB) (dB) (dB) (dB) (d	· · · · · · · · · · · · · · · · · · ·	Phan Mute	AGC Enable AGC Max Gain	AGC Min Gain	AGC Rate	√ @ @ (~.		AEC Reference Bus R7 H7 H7	Suppression	Normal Heavy	
	Levelo	2 Table Mig 2	Gare (G)	. 20 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Phan Mute	AGC Enable AGC Max Gain	AGC Min Gain	AGC Rate		AEC Enable	AEC Reference Bus R : R2	Suppression	- Normal Heavy	
System Options	Safety Mute	Table Mrc 1	Gain (Ga)					AGC Rate	.√. ™ dB/s	AEC Enable	AEC Reference Bus R2 H2 H3	Suppression	- Normal Heavy	
	00 em	- Suts		c Input c Output sets	mostics								40	
File Project Heb A Project DeviceChain	E-X EF2241:00	TEI Uptions Dialer Mic/Line In		- 🚣 Logic Input - 💫 Logic Output - 🖺 Presets - 😿 Macros	Diag									
File Project Heb														

Figure 10B

Figure 10C

Figure 10D

	System Options Mic/Line Inputs Dialer Input Filters AutoMixer EF Bus						\		1			5	Diagnostics		
		Dialet	Input Filte	as Aut	OMixer	EF Bus		Matrix Mixer	_ \	out Filters		- Street	Output Fitters Outputs Logic Input Logic Output	- -	ogic ().
<u> </u>	Clear Matrix	Amnif	Amelif .	-	Becor.	-	<u>5</u> .			R. R.	a a	E E	Rus Refer	B P	<u></u>
<u></u>		ē.	igi L Gr P		ding			Telco	<u>t</u> 8	Phon Mics	Morro	Mono Stere S		Se Car	
<u> </u>	N.	- 6	2	4	4	8	-	-	_	3		>	Z H1	1 12	M. W.
<u></u>	TOO	0	0	0	0	0	0	0	- -				30		
-	MON	5	6	<u>۔</u>	5	0 0	_	5	5						9887
<u>—</u>	1 15		0	0	-	-@ 		0	0	0	0	r)	ē	0	
<u> </u>	2 15	·	0	0	0		(C)		0	0	်က (၂)				
	3 15	0		0		0	0	0		0	်အ /	6	ျပ	0	
	4 15	0			0	0	o	ြို့ထ			-	0		. c	
_	•		. eco	-	•	0.0	C	0			· C	0	0		100
_	· -	0		0		. 0	- 600	4.77		- 63		 ===================================			
2			0		į		i e	-	: . c	` c	· :		i a		
Macros					· c		- 40					· c			144
_) - 	~~			-	C	c		ļ		s de	او	-	, c	140
T SubMix Phanes	PMO	4	9		-	. ļ		-	L.		ic I-) -) c) <u>_</u>	
_	T	0	e en Len	· (2)), C	٠.) c:	<u>.</u> c		· c		• c	· -	
SubMix Mics	OW/W	63	0	(C)	-	÷	1	-] `.⊂		C	. s. 9) - c) C	لشقا
<u> </u>	WM.	0	.0	(C)	- - - -	. e 	625		0	0	0				
	WM2	0	0	0		ļ	c	0	0	. 0	, c	c	[[[<u></u>	
SubMix Mono	SEX.	.3	٠ ج	-	-	ļ	1	0	9	10		0	. 0		197
	Σ¥Σ	c	-	100	•		c	0	ت	0		0	0	0	10.3
	XMZ	9	0	c>	:	·	-	: : •	.0	0			, o	G	2.20
SubMix Stereo L	- JAMO	0		0	.>		e de la composition della comp	ņ	Φ.	0) 			_	200
	YM.	0		· _			e::-			0	0		0	Ç	
	YM2	0			0	0	: : :	0	 -	:	0		: : : 0		25.30
SubMix Stereo R	ZMO	0	0		: ;	. o L .	0	ņ		i.	0	0	r F	C)	-
	Z	C	0	(C)	0	0	.0	0		0		0	. c	٥	
	ZMZ	0	, o	(C)	 co		1 100	_ co	 •	0	0	<u> </u>		0	
Signal Generator	r SG -40	0	0 . 0	0			-			0	O	c.			.10
										[
				Fixed	ž	Not Muted	Ĭ	Market	Auton	Automiser 1	Automixer 2	lixer 2			
7														-	

Figure 10E

Figure 10F

Figure 10G